



IN THE UNITED STATES PATENT AND TRADE MARK OFFICE

Inventor Application of: David B. SMITH

Application No. 08/976,440

Art Unit: 3663

Filed: November 25, 1997

Examiner: N. Moskowitz

For: TRANSMISSION OF DATA IN
BOREHOLES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

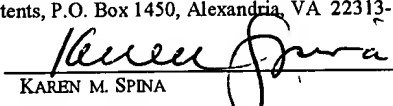
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RESPONSE UNDER 37 CFR § 1.111

Sir:

This is in reply to the non-final Office Action mailed from the United States Patent and Trademark Office on January 24, 2003. This response is being filed within the third month after expiration of the shortened statutory period set in the Office Action. A separate Petition for Extension of Time under 37 CFR 1.136(a) and appropriate fee, which reset the deadline for response to July 24, 2003, accompany this response.

Authorization is hereby provided to charge any additional fee associated with this response or to credit any over-payment to Deposit Account No. 50-0573.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)	
I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
BY	 KAREN M. SPINA
DATE:	JULY 22, 2003

Listing of and Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.